



### Figure 2: Logic for Writing Directory

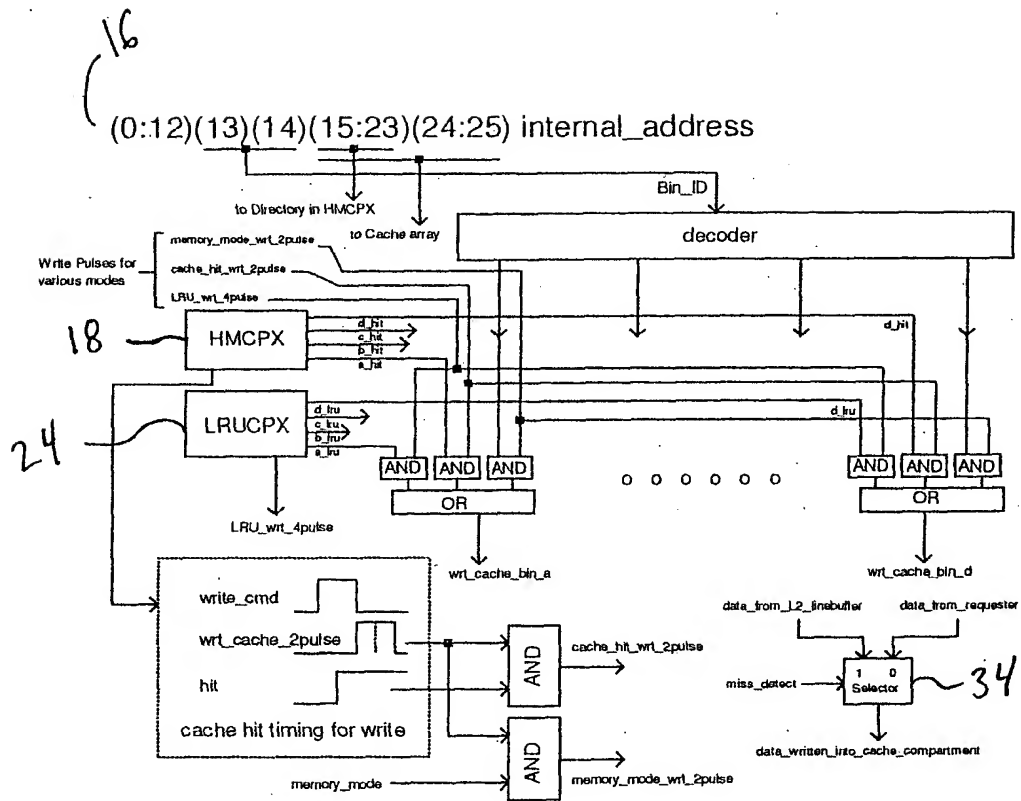


Figure 3: Logic for Writing Cache Array